

03040201-030
(Westfield Creek)

General Description

Watershed 03040201-030 (formerly 03040201-033) is located in Chesterfield County and consists primarily of **Westfield Creek** and its tributaries. The watershed occupies 17,435 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Emporia-Alpin-Chewacla series. The erodibility of the soil (K) averages 0.22; the slope of the terrain averages 5%, with a range of 0-10%. Land use/land cover in the watershed includes: 42.0% forested land, 25.9% agricultural land, 25.5% forested wetland (swamp), 6.1% scrub/shrub land, 0.3% water, 0.1% barren land, and 0.1% urban land.

Westfield Creek flows across the North Carolina state line and accepts drainage from Little Westfield Creek and Goodmans Creek before flowing into the Pee Dee River. There are a total of 38.7 stream miles and a few ponds (totaling 32.2 acres) in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-339	W	FW	WESTFIELD CREEK AT US 52
PD-641	BIO	FW	WESTFIELD CREEK AT SR 62

Westfield Creek - There are two monitoring sites along Westfield Creek. Aquatic life uses are fully supported at the upstream site (**PD-339**). Recreational uses are partially supported due to fecal coliform bacteria excursions. At the downstream site (**PD-641**), aquatic life uses are partially supported based on macroinvertebrate community data.

Nonpoint Source Management Program

Mining Activities

<i>MINING COMPANY</i>	<i>PERMIT #</i>
<i>MINE NAME</i>	<i>MINERAL</i>
PALMETTO BRICK CO.	0814-25
PHILLIPS MINE	SHALE
MARION CERAMICS	0550-25
PAVER MINE	SHALE

Growth Potential

There is a low potential for growth in this watershed.